

(xi) SEQUENCE DESCRIPTION:

SEQ ID NO:1:	ATG ACT AAA GGA GAA GAA CTT TTC ACT GGA GTT GTC CCA ATT CTT GTT	48
SEQ ID NO:2:	Met Ser Lys Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val	
	1 5 10 15	
	GAA TTA GAT GGT GAT GTT AAT CGG CAC AAA TTT TCT GTC ACT GCA GAG	96
	Glu Leu Asp Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu	
	20 25 30	
	GGT GAA GGT GAT GCA ACA TAC CGA AAA CTT ACC CTT AAA TTT ATT TGC	144
	Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys	
	35 40 45	
	ACT ACT GGA AAA CTA CCT GTT CCA TGG CCA ACA CTT GTC ACT ACT TTC	192
	Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu Val Thr Thr Phe	
	50 .55 60	
	TCT TAT GGT GTT CAA TGC TTT TCA AGA TAC CCA GAT CAT ATG AAA CGG	240
	Ser Tyr Gly Val Gln Cys Phe Ser Arg Tyr Pro Asp His Met Lys Arg	
	65 70 75 80	
	CAT GAC TTT TTC AAG AGT GCC ATG CCC GAA GGT TAT GTA CAG GAA AGA	288
	His Asp Phe Phe Lys Ser Ala Met Pro Glu Gly Tyr Val Gln Glu Arg	
	85 90 95	
	ACT ATA TTT TTC AAA GAT GAC CGG AAC TAC AAG ACA CGT CCT GAA GTC	336
	Thr Ile Phe Phe Lys Asp Asp Gly Asn Tyr Lys Thr Arg Ala Glu Val	
	100 105 110	
	AAG TTT GAA GGT GAT ACC CTT GTT AAT AGA ATC GAG TTA AAA CGT ATT	384
	Lys Phe Glu Gly Asp Thr Leu Val Asn Arg Ile Glu Leu Lys Gly Ile	
	115 120 125	
	GAT TTT AAA GAA GAT CGA AAC ATT CTT GGA CAC AAA TTG GAA TAC AAC	432
	Asp Phe Lys Glu Asp Gly Asn Ile Leu Gly His Lys Leu Glu Tyr Asn	
	130 135 140	
	TAT AAC TCA CAC AAT GTA TAC ATC ATG CGA GAC AAA CAA AAG ATT CGA	480
	Tyr Asn Ser His Asn Val Tyr Ile Met Ala Asp Lys Gln Lys Asn Gly	
	145 150 155 160	
	ATC AAA GTT AAC TTC AAA ATT AGA CAC AAC ATT GAA GAT CGA AGC GTT	528
	Ile Lys Val Asn Phe Lys Ile Arg His Asn Ile Glu Asp Gly Ser Val	
	165 170 175	
	CAA CTA CGA GAC CAT TAT CAA CAA ATT ACT CGA ATT CGC GAT CGC CCT	576
	Gln Leu Ala Asp His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro	
	180 185 190	
	GTC CTT TTA CGA GAC AAC CAT TAC CTG TCC ACA CAA TCT GCC CTT TCG	624
	Val Leu Leu Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser	
	195 200 205	
	AAA GAT CCC AAC GAA AAG AGA GAC CAC ATG GTC CTT CTT GAG TTT GTC	672
	Lys Asp Pro Asn Glu Lys Arg Asp His Met Val Leu Leu Glu Phe Val	
	210 215 220	
	ACA GCT GCT CGG ATT ACA CAT CGC ATG GAT GAA CTA TAC AAA TA	
	Thr Ala Ala Gly Ile Thr His Gly Met Asp Glu Leu Tyr Lys	
	225 230 235	

717
716

FIGURE 1

GAT	TTT	AAA	GAA	GAT	GGA	AAC	ATT	CTT	GGA	CAC	AAA	TTG	GAA	TAC	AAC	432
Asp	Phe	Lys	Glu	Asp	Gly	Asn	Ile	Leu	Gly	His	Lys	Leu	Glu	Tyr	Asn	
	130					135				140						
TAT	AAC	TCA	CAC	AAT	GTA	TAC	ATC	ATG	GCA	GAC	AAA	CAA	AAG	AAT	GGA	480
Tyr	Asn	Ser	His	Asn	Val	Tyr	Ile	Met	Ala	Asp	Lys	Gln	Lys	Asn	Gly	
	145					150				155						
ATC	AAA	GTT	AAC	TTC	AAA	ATT	AGA	CAC	AAC	ATT	GAA	GAT	GGA	AGC	GTT	528
Ile	Lys	Val	Asn	Phe	Lys	Ile	Arg	His	Asn	Ile	Glu	Asp	Gly	Ser	Val	
						165				170				175		
CAA	CTA	GCA	GAC	CAT	TAT	CAA	CAA	AAT	ACT	CCA	ATT	GGC	GAT	GGC	CCT	576
Gln	Leu	Ala	Asp	His	Tyr	Gln	Gln	Asn	Thr	Pro	Ile	Gly	Asp	Gly	Pro	
						180				185				190		
GTC	CTT	TTA	CCA	GAC	AAC	CAT	TAC	TCC	ACA	CAA	TCT	GCC	CTT	TCG	526	
Val	Leu	Leu	Pro	Asp	Asn	His	Tyr	Leu	Ser	Thr	Gln	Ser	Ala	Leu	Ser	
						195				200				205		
AAA	GAT	CCC	AAC	GAA	AAG	GAC	CAC	ATG	GTC	CTT	Ctt	GAG	TTT	GTA	672	
Lys	Asp	Pro	Asn	Glu	Lys	Arg	Asp	His	Met	Val	Ileu	Ileu	Glu	Phe	Val	
	210					215										
ACA	GCT	GCT	GGG	ATT	ACA	CAT	GGC	ATG	GAT	GAA	CTA	TAC	AAA	TA		
Thr	Ala	Ala	Gly	Ile	Thr	His	Gly	Met	Asp	Glu	Leu	Tyr	Lys			
	225					230										

2/10

7/14

FIG. 1B

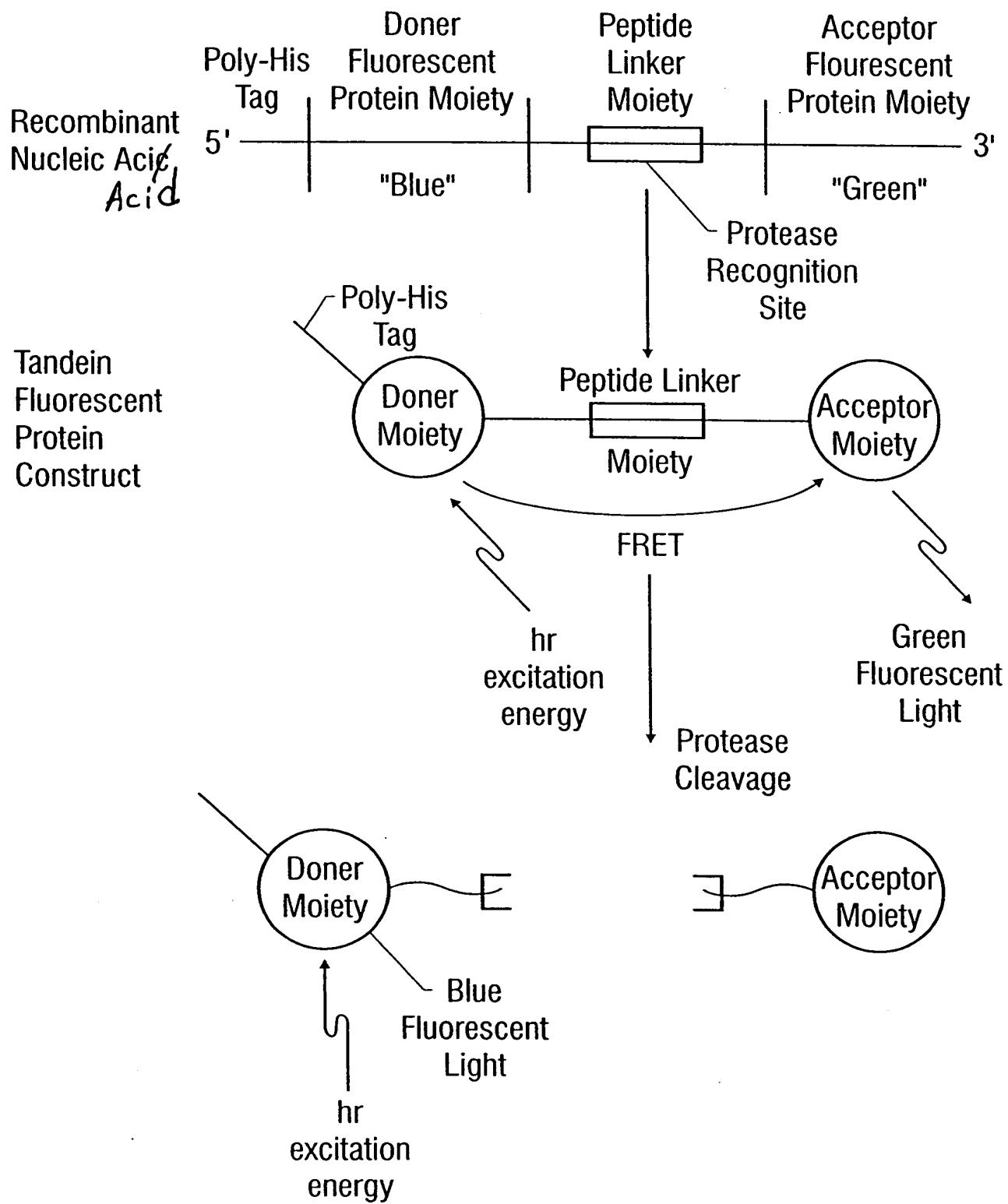


FIG. 2